

## Recovery Plan Action Status

**Plan Name: South Florida Multi-Species Recovery Plan (68 spp.)**

**Plan Status: Final**

**Plan Date: 18-May-99**

**Lead Agency: USFWS**

**Lead Office: South Florida Ecological Services Field Office**

**(772)  
562-3909 )**

| Species   | Action Priority # | Action #    | Action Description  | Action Status   | Est. Initiation Date | Est. Completion Date | Responsible Parties  | Work Type                  | Labor Type                  | Action Comments  |
|---|-------------------|-------------|---|-----------------|----------------------|----------------------|--|----------------------------|-----------------------------|--|
| Audubon's crested caracara<br>(Polyborus plancus audubonii) | 2                 | acca-h1.1.1 | Encourage the purchase of unprotected lands that support Audubon's crested caracaras.     | Ongoing Current | FY 1995 - FY 1999    |                      | Florida Department of Environmental Protection, Florida Fish and Wildlife Conservation Commission, Water Management Districts  | Work type not yet selected | Labor type not yet selected | Cost dependent upon specific site and amount of land acquired. Action lead(s): FWS, FWC      |
| Audubon's crested caracara<br>(Polyborus plancus audubonii) | 3                 | acca-h1.1.2 | Use conservation easements and other non fee-title ownership options to maintain habitat. | Ongoing Current | FY 1995 - FY 1999    |                      | Florida Department of Environmental Protection, Florida Fish and Wildlife Conservation Commission, Non-governmental organizations, Water Management Districts          | Work type not yet selected | Labor type not yet selected | Cost dependent upon terms of agreement entered into with landowner. Action lead(s): FWS, FWC |
| Audubon's crested caracara<br>(Polyborus plancus audubonii) | 1                 | acca-h1.1.3 | Encourage landowners to maintain habitat for acca and other prairie species.              | Ongoing Current | FY 1995 - FY 1999    |                      | Florida Department of Environmental Protection, Florida Fish and Wildlife Conservation Commission, Natural Resources Conservation Service , Water Management Districts | Work type not yet selected | Labor type not yet selected | Action lead(s): FWS, FWC   |
| Audubon's crested caracara<br>(Polyborus plancus audubonii) | 2                 | acca-h1.1.4 | Maintain and enhance habitat on acquired lands or lands under easement/agreement.         | Ongoing Current | FY 2000 - FY 2004    |                      | Florida Department of Environmental Protection, Florida Fish and Wildlife Conservation Commission, Water Management Districts  | Work type not yet selected | Labor type not yet selected | Cost is per acre (ex. 0.5/acre); Total cost dependent upon number of acres maintained.       |

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| Audubon's crested caracara (Polyborus plancus audubonii) | 2                 | acca-h1.2.1 | Conduct prescribed burns at periodic intervals.                | Ongoing Current | FY 2005              |                      | Florida Department of Environmental Protection, Florida Fish and Wildlife Conservation Commission, Florida Division of Forestry, U.S. Air Force, Private industry, landowners, etc. | Work type not yet selected | Labor type not yet selected | Cost is per acre (ex. 0.02/acre); Total cost dependent upon number of acres burned.   |
| Audubon's crested caracara (Polyborus plancus audubonii) | 2                 | acca-h1.2.2 | Maintain pastures in native vegetation to the extent possible. | Ongoing Current | FY 2000 - FY 2004    |                      | Florida Department of Environmental Protection, Florida Fish and Wildlife Conservation Commission, Florida Division of Forestry, U.S. Air Force                                     | Work type not yet selected | Labor type not yet selected | Task is currently implemented on public lands and cost is included in managing agency's budget.                                 |
| Audubon's crested caracara (Polyborus plancus audubonii) | 3                 | acca-h1.2.3 | Do not allow reforestation of prairies.                        | Not Started     |                      |                      | Florida Department of Environmental Protection, Florida Fish and Wildlife Conservation Commission, Florida Division of Forestry, U.S. Air Force                                     | Work type not yet selected | Labor type not yet selected | Task is currently implemented on public lands and cost is included in managing agency's budget. Action lead(s): FDEP, FWC, USAF |
| Audubon's crested caracara (Polyborus plancus audubonii) | 3                 | acca-h1.2.4 | Establish appropriate burn seasonality.                        | Not Started     |                      |                      | Florida Department of Environmental Protection, Florida Fish and Wildlife Conservation Commission, Florida Division of Forestry, U.S. Air Force, Private industry, landowners, etc. | Work type not yet selected | Labor type not yet selected | Action lead(s): FWS, FDEP, FWC, USAF  |
| Audubon's crested caracara (Polyborus plancus audubonii) | 3                 | acca-h2.1   | Expand acca habitat in occupied areas.                         | Not Started     |                      |                      | Florida Department of Environmental Protection, Florida Division of Forestry, U.S. Air Force, Private industry, landowners, etc.  | Work type not yet selected | Labor type not yet selected | Cost is per acre (ex. 2.0/acre); Total cost dependent upon number of acres enhanced.  |
| Audubon's crested caracara (Polyborus plancus audubonii) | 3                 | acca-h2.2   | Restore habitat in currently unoccupied areas.                 | Not Started     |                      |                      | Florida Department of Environmental Protection, Florida Fish and Wildlife Conservation Commission, Water Management Districts   | Work type not yet selected | Labor type not yet selected | Cost is per acre (ex. 5.0/acre); Total cost dependent upon number of acres restored.  |

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| Audubon's crested caracara (Polyborus plancus audubonii) | 3                 | acca-h3.1 | Determine why certain acca habitat areas are not used.  | Ongoing Current | FY 2010              |                      | Florida Fish and Wildlife Conservation Commission, U.S. Air Force, Public and private universities   | Work type not yet selected | Labor type not yet selected | Action lead(s): FWS, FWC, universities |
| Audubon's crested caracara (Polyborus plancus audubonii) | 3                 | acca-h3.2 | Determine which elements to modify to make unused areas suitable for acca.                      | Ongoing Current | FY 2010              |                      | Florida Fish and Wildlife Conservation Commission, U.S. Air Force, Public and private universities   | Work type not yet selected | Labor type not yet selected | Action lead(s): FWS, FWC, universities |
| Audubon's crested caracara (Polyborus plancus audubonii) | 2                 | acca-h4.0 | Use satellite and aerial photos to monitor land use changes in the core of the acca population. | Ongoing Current | FY 1995 - FY 1999    |                      | U.S. Geological Survey, Florida Fish and Wildlife Conservation Commission, U.S. Air Force, Public and private universities   | Work type not yet selected | Labor type not yet selected | Action lead(s): FWS, NPS, universities |
| Audubon's crested caracara (Polyborus plancus audubonii) | 3                 | acca-h5.0 | Inform the public.  | Ongoing Current | FY 1995 - FY 1999    |                      | Florida Department of Environmental Protection, Florida Fish and Wildlife Conservation Commission, Non-governmental organizations, U.S. Air Force                              | Work type not yet selected | Labor type not yet selected | Action lead(s): FWS, FWC               |
| Audubon's crested caracara (Polyborus plancus audubonii) | 2                 | acca-s1.1 | Locate active acca territories in Glades, DeSoto, Highlands, Okeechobee, and Osceola Counties.  | Ongoing Current | FY 1995 - FY 1999    |                      | Florida Department of Environmental Protection, Florida Fish and Wildlife Conservation Commission, U.S. Air Force, Water Management Districts, Public and private universities | Work type not yet selected | Labor type not yet selected | Action lead(s): FWS, FWC, universities |
| Audubon's crested caracara (Polyborus plancus audubonii) | 3                 | acca-s1.2 | Locate and map acca potential habitat that can be restored for reintroductions.                 | Not Started     |                      |                      | U.S. Geological Survey, Florida Department of Environmental Protection, Florida Fish and Wildlife Conservation Commission, U.S. Air Force, Water Management Districts          | Work type not yet selected | Labor type not yet selected | Action lead(s): FWS, FWC               |

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| Audubon's crested caracara (Polyborus plancus audubonii) | 2                 | acca-s1.3   | Develop standardized, systematic censusing procedures.                                | Ongoing Current | FY 2010              |                      | Florida Fish and Wildlife Conservation Commission, Public and private universities   | Work type not yet selected | Labor type not yet selected | See Morrison (2001). Action lead(s): FWC   |
| Audubon's crested caracara (Polyborus plancus audubonii) | 2                 | acca-s2.1.1 | Inform landowners of presence of acca on their property.                              | Not Started     |                      |                      | U.S. Army Corps of Engineers, Florida Department of Environmental Protection, Florida Fish and Wildlife Conservation Commission, U.S. Air Force, Water Management Districts    | Work type not yet selected | Labor type not yet selected | Action lead(s): FWS, FWC   |
| Audubon's crested caracara (Polyborus plancus audubonii) | 1                 | acca-s2.1.2 | Encourage landowners to protect acca and their nesting sites by providing incentives. | Not Started     |                      |                      | Florida Fish and Wildlife Conservation Commission, Natural Resources Conservation Service  | Work type not yet selected | Labor type not yet selected | Cost dependent upon incentives awarded. Action lead(s): FWS, FWC, NRCS               |
| Audubon's crested caracara (Polyborus plancus audubonii) | 3                 | acca-s2.2   | Develop and implement a plan to reintroduce acca into suitable historic habitat.      | Not Started     |                      |                      | Florida Department of Environmental Protection, Florida Fish and Wildlife Conservation Commission, U.S. Air Force, Water Management Districts, Public and private universities | Work type not yet selected | Labor type not yet selected | Action lead(s): FWS, FWC, universities   |
| Audubon's crested caracara (Polyborus plancus audubonii) | 3                 | acca-s2.3   | Encourage natural colonization of restored habitats by acca.                          | Not Started     |                      |                      | U.S. Army Corps of Engineers, Florida Fish and Wildlife Conservation Commission, Water Management Districts, Private industry, landowners, etc.                                | Work type not yet selected | Labor type not yet selected | Cost is per acre (ex. 1.0/acre); Total cost dependent upon number of acres restored. |
| Audubon's crested caracara (Polyborus plancus audubonii) | 3                 | acca-s2.4   | Introduce rehabilitated caracaras into expanded/restored areas whenever possible.     | Not Started     |                      |                      | Florida Fish and Wildlife Conservation Commission  | Work type not yet selected | Labor type not yet selected | Action lead(s): FWC  |

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| Audubon's crested caracara (Polyborus plancus audubonii) | 3                 | acca-s2.5.1 | Develop an emergency program for removing sick or injured acca from the wild. | Not Started   |                      |                      | Florida Fish and Wildlife Conservation Commission, Non-governmental organizations, Private industry, landowners, etc., Public and private universities | Work type not yet selected | Labor type not yet selected | Action lead(s): FWC, private |
| Audubon's crested caracara (Polyborus plancus audubonii) | 3                 | acca-s2.5.2 | Establish an acca rehabilitation team.  | Not Started   |                      |                      | Florida Fish and Wildlife Conservation Commission, Non-governmental organizations, Private industry, landowners, etc., Public and private universities | Work type not yet selected | Labor type not yet selected | Action lead(s): FWC          |
| Audubon's crested caracara (Polyborus plancus audubonii) | 3                 | acca-s2.5.3 | Maintain accurate records on acca in rehabilitation.                          | Not Started   |                      |                      | Florida Fish and Wildlife Conservation Commission, Non-governmental organizations, Private industry, landowners, etc., Public and private universities | Work type not yet selected | Labor type not yet selected | Action lead(s): FWC          |
| Audubon's crested caracara (Polyborus plancus audubonii) | 3                 | acca-s2.5.4 | Determine where recovered acca should be released into the wild.              | Not Started   |                      |                      | Florida Fish and Wildlife Conservation Commission, Non-governmental organizations, Private industry, landowners, etc., Public and private universities | Work type not yet selected | Labor type not yet selected | Action lead(s): FWC          |
| Audubon's crested caracara (Polyborus plancus audubonii) | 3                 | acca-s2.5.5 | Monitor the health and status of rehabilitated acca.                          | Not Started   |                      |                      | Florida Fish and Wildlife Conservation Commission, Non-governmental organizations, Public and private universities                                     | Work type not yet selected | Labor type not yet selected | Action lead(s): FWC          |

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| Audubon's crested caracara (Polyborus plancus audubonii) | 2                 | acca-s2.5.6 | Conduct section 7 consultations on all Federal actions that may affect caracaras and their habitat. | Ongoing Current | Prior to FY 1995     |                      | U.S. Bureau of Land Management, U.S. Department of Agriculture, U.S. Geological Survey, Biological Resources Division, U.S. Geological Survey, U.S. Environmental Protection Agency, U.S. Army Corps of Engineers, Natural Resources Conservation Service, United States Coast Guard, U.S. Air Force | Work type not yet selected | Labor type not yet selected | Cost included in standard operating procedures of Federal agency's budget. Action lead(s): All Federal agencies |
| Audubon's crested caracara (Polyborus plancus audubonii) | 1                 | acca-s3.1.1 | Determine essential habitat components for acca.  | Ongoing Current | FY 1995 - FY 1999    |                      | Non-governmental organizations   | Work type not yet selected | Labor type not yet selected | Action lead(s): FWS, FWC, universities  |
| Audubon's crested caracara (Polyborus plancus audubonii) | 1                 | acca-s3.1.2 | Determine minimum amount of nesting/feeding habitat needed to support an acca population.           | Ongoing Current | FY 2010              |                      | Florida Fish and Wildlife Conservation Commission, U.S. Air Force, Public and private universities   | Work type not yet selected | Labor type not yet selected | Action lead(s): FWS, FWC, universities  |
| Audubon's crested caracara (Polyborus plancus audubonii) | 3                 | acca-s3.1.3 | Formulate estimate of habitat carrying capacity under optimum conditions.                           | Ongoing Current | FY 2010              |                      | Florida Fish and Wildlife Conservation Commission, U.S. Air Force, Public and private universities   | Work type not yet selected | Labor type not yet selected | Action lead(s): FWS, universities   |
| Audubon's crested caracara (Polyborus plancus audubonii) | 1                 | acca-s3.1.4 | Establish habitat management guidelines to protect nests and nesting pairs of acca.                 | Ongoing Current | FY 1995 - FY 1999    |                      | Florida Fish and Wildlife Conservation Commission, Public and private universities   | Work type not yet selected | Labor type not yet selected | See Morrison (2001). Action lead(s): FWC  |
| Audubon's crested caracara (Polyborus plancus audubonii) | 2                 | acca-s3.1.5 | Use information and conduct research to develop a population viability analysis for acca.           | Complete        |                      | FY 2007              | Florida Fish and Wildlife Conservation Commission, Public and private universities   | Work type not yet selected | Labor type not yet selected | Action lead(s): FWS, FWC, universities  |
| Audubon's crested caracara (Polyborus plancus audubonii) | 3                 | acca-s3.2   | Compile acca data into a central database at one location.  | Ongoing Current | FY 1995 - FY 1999    |                      | Florida Fish and Wildlife Conservation Commission, Public and private universities   | Work type not yet selected | Labor type not yet selected | Action lead(s): FWS   |

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| Audubon's crested caracara (Polyborus plancus audubonii) | 2                 | acca-s4.1 | Develop monitoring protocols and techniques for acca.                              | Ongoing Current | FY 1995 - FY 1999    |                      | U.S. Geological Survey, Biological Resources Division, Florida Fish and Wildlife Conservation Commission, U.S. Air Force, Public and private universities                          | Work type not yet selected | Labor type not yet selected | Action lead(s): FWS, FWC, universities |
| Audubon's crested caracara (Polyborus plancus audubonii) | 2                 | acca-s4.2 | Monitor acca on public lands to evaluate management actions.                       | Ongoing Current | FY 1995 - FY 1999    |                      | U.S. Geological Survey, Biological Resources Division, U.S. Army Corps of Engineers, Florida Fish and Wildlife Conservation Commission, U.S. Air Force, Water Management Districts | Work type not yet selected | Labor type not yet selected |  |
| Audubon's crested caracara (Polyborus plancus audubonii) | 3                 | acca-s4.3 | Monitor the success of reintroduced acca.  | Not Started     |                      |                      | Non-governmental organizations   | Work type not yet selected | Labor type not yet selected |  |
| Audubon's crested caracara (Polyborus plancus audubonii) | 3                 | acca-s5.0 | Increase public awareness of the biology, ecology, status, and trends of the acca. | Ongoing Current | FY 1995 - FY 1999    |                      | Florida Fish and Wildlife Conservation Commission, Non-governmental organizations  | Work type not yet selected | Labor type not yet selected | Action lead(s): FWS, FWC               |